

SOME REMARKS ON METALLIC-LINE STARS

by

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It is shown that the photoelectric (B-V) colors of the metallic line stars are correlated with the spectral types derived from the hydrogen lines. Consequently these stars can be grouped into several physically similar groups. The discrepancies different absolute magnitude determinations made in the past appear therefore as consequences of selection effects. A discussion of the luminosities suggests further that the metallicity is a luminosity effect.

From the number of Balmer lines that can be seen on the spectra, it is concluded that the electron pressure in metallic line stars must be the same as in main sequence stars.

The paper will be published in full elsewhere.

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